| Ref<br>#  | Hits | Search Query  | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|-----------|------|---|---|---------------------|---------|------------------|
| S1        | 640  | (pupil adj2 function)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND                 | ON      | 2007/03/18 18:59 |
| S2        | . 37 | (pupil adj2 function) same integral                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND                 | ON      | 2006/09/21 11:28 |
| S3        | 18   | ((pupil adj2 function) same integral) defocus                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND .               | ON      | 2006/09/21 11:29 |
| <b>S4</b> |      | ((pupil adj2 function) same<br>integral) defocus taylor             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND                 | ON<br>: | 2006/09/21 11:29 |
| S5        | 3    | ("5828455"   "5978085"  <br>"6368763").PN. OR ("7030997").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR                  | OFF     | 2006/09/21 11:37 |
| S6 .      | 263  | 356/2.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | AND                 | ON      | 2006/09/21 11:38 |
| S7        | . 2  | 356/2.ccls. defocus   | US-PGPUB;<br>USPAT;<br>USOCR                                      | AND                 | ON      | 2006/09/21 11:38 |
| S8        | · 3  | 356/4.01-4.05   | US-PGPUB;<br>USPAT;<br>USOCR                                      | AND                 | ON      | 2006/09/21 11:38 |
| S9        | 920  | 356/4.01-4.05.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | AND                 | ON      | 2006/09/21 11:38 |
| S10       | 34   | 356/4.01-4.05.ccls. defocus   | US-PGPÜB;<br>USPAT;<br>USOCR                                      | AND                 | ON      | 2006/09/21 11:38 |
| S11       | 1    | 356/4.01-4.05.ccls. defocus taylor                                  | US-PGPUB;<br>USPAT;<br>USOCR                                      | AND                 | ON      | 2006/09/21 11:39 |

| S12   | 1963 | 703/2.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | AND   | ON | 2006/09/21 11:39 |
|-------|------|---|---|-------|----|------------------|
| S13   | 1    | 703/2.ccls. defocus   | US-PGPUB;<br>USPAT;<br>USOCR                                      | AND   | ON | 2006/09/21 11:40 |
| S14   | 14   | 703/13.ccls. defocus  | US-PGPUB;<br>USPAT;<br>USOCR                                      | AND . | ON | 2006/09/21 14:51 |
| S15   | 4    | simulat\$3 same mask same<br>project\$3 same spatial same pupil | US-PGPUB;<br>USPAT;<br>USOCR                                      | AND   | ON | 2006/09/21 14:52 |
| S16   | 4    | simulat\$3 same mask same<br>project\$3 same spatial same pupil | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR    | ON | 2006/09/21 14:52 |
| S17   | 5    | simulat\$3 same mask same<br>project\$3 same spatial same pupil | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR    | ON | 2006/09/21 14:52 |
| S18 - | 5    | simulat\$3 same mask same<br>project\$3 same spatial same pupil | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND   | ON | 2006/09/22 11:59 |
| S19   | . 6  | "5629772".pn. or "6421820".pn. or "6223139".pn.                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND   | ON | 2006/09/22 12:03 |
| S20   | 0    | 2002/0162452.pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND   | ON | 2006/09/22 12:03 |
| S21   | 0    | 2002/0162452  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND   | ON | 2006/09/22 12:03 |

|     |     | - W  | ·   | ·   |      |                  |
|-----|-----|--|---|-----|------|------------------|
| S22 | 9   | 2002/0152452                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON   | 2006/09/22 12:03 |
| S23 | 2   | "20020152452"                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON   | 2006/09/22 12:05 |
| S24 | 2   | "20020062206"                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON   | 2006/09/22 12:05 |
| S25 | 8   | socha.in. illumination.ti.<br>optimization.ti. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON   | 2007/01/04 08:35 |
| S26 | 680 | (contour adj2 integra\$3)                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON   | 2007/03/17 16:22 |
| S27 | 744 | (contour adj2 integra\$4)                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON   | 2007/03/17 16:22 |
| S28 | 446 | (contour adj integra\$4)                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON . | 2007/03/17 16:22 |
| S29 | 60  | (contour adj integra\$4) simulat\$4            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON - | 2007/03/17 16:22 |

| S30 | 7    | (contour adj integra\$4) simulat\$4.<br>ab.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2007/03/18 20:47 |
|-----|------|--|---|-----|-----|------------------|
| S31 | ·* 2 | "6643616".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2007/03/17 16:24 |
| S32 | 18   | ("5815685"   "5825647"  <br>"6033814"   "6080527"   "6120952"<br>  "6226781"   "6249904"  <br>"6269472"   "6301697"   "6312854"<br>  "6370679").PN. OR ("6643616").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR  | OFF | 2007/03/17 17:49 |
| S33 | 6    | S32 contour  | US-PGPUB;<br>USPAT;<br>USOCR                                      | AND | ON  | 2007/03/17 17:50 |
| S34 | 0    | S32 contour TCC  | US-PGPUB;<br>USPAT;<br>USOCR                                      | AND | ON  | 2007/03/17 17:50 |
| S35 | 0    | (countour adj integr\$4) simulat\$4<br>tcc   | US-PGPUB;<br>USPAT;<br>USOCR                                      | AND | ON  | 2007/03/17 17:50 |
| S36 | 7    | socha.in. (illumination optimization mask).ti.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2007/03/18 18:59 |